

## Transparency Market Research



**Advanced IT and Increased Internet Access makes the Market of NoSQL in North America Powerful**

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## Transparency Market Research

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## REPORT DESCRIPTION

NoSQL also known as not only SQL (structured query language) is a tool used for data design and management of large quantity of distributed data. NoSQL database comprises a wide range of architecture and technologies designed to overcome problems of scalability and big data performance problems.

**Source:** <http://www.transparencymarketresearch.com/nosql-market.html>

TMR in its Report Titled- “NoSQL Market” States that successful attempts to develop NoSQL (Not only Structured Query Language) applications in fields such as defense, biotechnology, and signal/image processing have greatly boosted the global NoSQL market. NoSQL is a small yet rapidly growing segment of the overall database industry. Though it is presently in a nascent stage, the market for NoSQL is anticipated to witness substantial growth over the coming years owing to the rising presence of companies with big data needs that do not fit into traditional SQL databases.

NoSQL is the go-to solution for organizations when dealing with large quantities of semi-structured or unstructured data or data stored remotely or on virtual servers. A NoSQL database is easy to use, flexible, and has an efficient and scale-out architecture that is inexpensive.

### **Different Types of NoSQL Databases:**

- >Wide-Column Stores
- >Key-Value Stores
- >Graph Stores
- >Document Stores

Key-value stores are the most popularly used NoSQL databases because they can be used in e-commerce, session management, and web-based applications. Owing to the simple and basic design, document stores are the second most commonly used NoSQL database.

### **Some NoSQL implementations that were launched in the market are:**

- > Google BigTable
- > MapReduce
- > Voldemort
- > SimpleDB

- > Apache Hadoop
- > MemcacheDB

This database has enhanced scalability and offer superior performance which the relational database management system (RDBMS) was not designed to cope with.

**Brochure for the Report of NoSQL Market at:**

[http://www.transparencymarketresearch.com/sample/sample.php?flag=B&rep\\_id=7340](http://www.transparencymarketresearch.com/sample/sample.php?flag=B&rep_id=7340)

NoSQL provides comprehensive solution to organizations to manage the big data generated through daily operations; moreover it's increased usage for data analysis and storage and web applications drives the growth of this market. NoSQL database cater to a wide variety of applications such as management of web session, e-commerce and mobile application development among others, which in turn contributes to its increased adoption worldwide. Large amount of big data is being generated and processed regularly which has a positive impact on the growth of NoSQL market.

NoSQL market can be segmented based on application and geography.

**On the basis of Application:**

- > Defense
- > Finance and Banking
- > Geosciences
- > Biotechnology
- > Mobile and Telecommunication

**On the basis of Geography:**

- > Europe
- > Asia Pacific
- > North America
- > Latin America
- > The Middle East and Africa

NoSQL Database are in their pre-production versions which pose a hindrance to its market growth as the users are not well informed about the technologies employed. Moreover, NoSQL is an open source

database so security of data is questionable. However, flexibility of various data models, elastic scalability, seamless operation with cloud and others continue to drive the growth of NoSQL market. Innovation launches and collaborative efforts from customers and vendors offer a positive upsurge to the growth of NoSQL market.

The study on the NoSQL market reviews the performance of key players competing on a global and regional scale.

**The players profiled in the NoSQL market study are:**

- > Microsoft Corporation
- > IBM Corporation
- > Oracle Corporation
- > MarkLogic Corporation
- > Hypertable, Inc.
- > Neo Technology, Inc
- > Objectivity, Inc.
- > Couchbase
- > Cisco Systems, Inc.
- > Aerospike, Inc.
- > Basho Technologies

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**About TMR**

Transparency Market Research (TMR) is a global market intelligence company, providing global business information reports and services. Our exclusive blend of quantitative forecasting and trends analysis provides forward-looking insight for thousands of decision makers. TMR's experienced team of Analysts, Researchers, and Consultants, use proprietary data sources and various tools and techniques to gather and analyze information.

Our data repository is continuously updated and revised by a team of research experts, so that it always reflects the latest trends and information. With a broad research and analysis capability, Transparency Market Research employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports.

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